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<b>DATE:</b> <b>FROM:</b> <b>OPERATOR:</b> <b>CLIENT/MATTER:</b> <b>PAGES:</b>	September 19, 2005 Jamie T. Gallagher Karen Jeffer 02962-00062 62 (including cover)	

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**Comments****INFORMATION DISCLOSURE STATEMENT**

*Computational Model of Cardiovascular Function For Analysis of Orthostatic Intolerance  
A Mathematical Study of Human Intracranial Hydrodynamics Part 1 – The Cerebrospinal Fluid Pulse Pressure  
A Mathematical Study of Human Intracranial Hydrodynamics Part 2 – Simulation of Clinical Tests  
Intracranial Pressure Dynamics in Patients with Acute Brain Damage  
A Simple Mathematical Model of the Interaction Between Intracranial Pressure and Cerebral Hemodynamics*

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lakin et al.

Serial No.: 10/658,638

Filed: September 9, 2003

Title: Whole-Body Mathematical Model for  
Simulating Intracranial Pressure  
Dynamics

Attorney Docket No.: B02962-00062

Group Art Unit: 3713

Examiner: Cameron Saadat

USPTO Customer No.: 21918

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Date

9/19/2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 19, 2005

Transmittal of Information Disclosure Statement  
Under 37 C.F.R. §1.97(c)(2)

In connection with the above-identified application, please find attached a Supplemental Information Disclosure Statement and copies of all references cited therein.

The Information Disclosure Statement transmitted herewith is being filed before the mailing date of a final Office Action under § 1.113 or notice of allowance under § 1.311.

Please charge Deposit Account No. 04-1588 in the amount of \$180.00. A duplicate copy of this sheet is enclosed.

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Respectfully submitted,

DOWNS RACHLIN MARTIN PLLC

By: 

Jamie T. Gallagher

Attorney of Record

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BTV.257979.2

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FORM PTO-1449 (Modified)	ATTY DOCKET NO. 02962-00062	SERIAL NO. 10/658,638
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANT: Lakin et al.	
(Use several sheets if necessary.) Page 1 of 1	FILING DATE: September 9, 2003	GROUP: 3713

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AA	Heldt, Thomas, Shim, Eu Bo, Kamm, Roger D., Mark, Roger G.; <i>Computational Model of Cardiovascular Function For Analysis of Orthostatic Intolerance</i> . BED-Vol. 50, 2001 Bioengineering Conference; ASME 2001; pp 895-896.
AB	Ursino, Mauro; <i>A Mathematical Study of Human Intracranial Hydrodynamics Part 1 - The Cerebrospinal Fluid Pulse Pressure</i> ; Annals of Biomedical Engineering, Vol. 16, Issue 4, pp 379-401, 1988.
AC	Ursino, Mauro; <i>A Mathematical Study of Human Intracranial Hydrodynamics Part 2 - Simulation of Clinical Tests</i> ; Annals of Biomedical Engineering, Vol. 16, Issue 4, pp 403-416, 1988.
AD	Ursino, M., Lodi, C.A., Rossi, S. and Stocchetti, N.; <i>Intracranial Pressure Dynamics in Patients with Acute Brain Damage</i> ; American Physiological Society 0161-7567/97; pp 1270-1282; 1997.
AE	Ursino, Mauro, Lodi, Carlo Alberto; <i>A Simple Mathematical Model of the Interaction Between Intracranial Pressure and Cerebral Hemodynamics</i> ; Journal of Applied Physiology 82; pp 1256-1269, 1997.
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AG	
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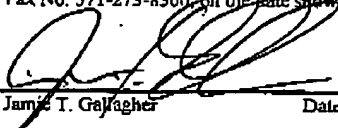
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